FEDERAL-STATE-PRIVATE
COOPERATIVE SNOW SURVEYS

WATER SUPPLY OUTLOOK FOR NEVADA

Prepared by

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

NEVADA DEPARTMENT of CONSERVATION and NATURAL RESOURCES
DIVISION of WATER RESOURCES

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed on the last page of this report.

AS OF
APR. 1, 1972

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters of key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO NUMBER ORC 221-3

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 209, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	P. O. Box "F", Palmer, Alaska 99645
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 970, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84111
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia

USDA-SCS-PORTLAND, OREG. 1970

WATER SUPPLY OUTLOOK FOR NEVADA

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

KENNETH E. GRANT
ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

CHARLES A. KRALL
STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
RENO, NEVADA

In Cooperation with

ELMO J. DE RICCO
DIRECTOR
DEPARTMENT OF CONSERVATION AND
NATURAL RESOURCES
CARSON CITY, NEVADA

Report prepared by

DONALD W. McANDREW, Snow Survey Supervisor
and
JOHN D. RODA, Assistant Snow Survey Supervisor
SOIL CONSERVATION SERVICE
P. O. BOX 4850
RENO, NEVADA

USDA-SCS-PORTLAND, OREG. 1971 M7-0-22025-B

TABLE OF CONTENTS

ALL AVERAGES ARE FOR 1953-67 PERIOD

AREA LOCATIONS

INDEX TO NEVADA SNOW COURSES

(By Basins)

Refer to the map on the following page for Snow Course locations.

NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.
SNAKE RIVER BASIN					
SNAKE RIVER					
15H1MA	BEAR CREEK	31	46N	58E	7800
15H2	FOX CREEK	33	46N	58E	6800
15H13A	GOAT CREEK	31	46N	60E	8800
15H15A	HUMMINGBIRD SPRINGS	6	45N	60E	8945
14H1	JAKES CREEK	6	42N	62E	7000
15H20a	MERRITT MOUNTAIN	10	46N	54E	7000
15H14A	POLE CREEK RANGER STATION	13	46N	59E	8330
15H18a	REO POINT	15	47N	61E	7940
15H3A	76 CREEK	6	44N	58E	7100
15H19a	STAG MTN.	29	41N	58E	7800
OWYHEE RIVER					
15H4MP	BIG BEND	30	45N	56E	6700
16H6a	COLUMBIA BASIN	31	44N	53E	6650
16H8a	FAWN CREEK	2	45N	52E	7000
15H5	GOLD CREEK	32	45N	56E	6600
16H1M	JACK CREEK, LOWER	18	42N	53E	6800
16H2A	JACK CREEK, UPPER	9	42N	53E	7250
16H4	JACKS PEAK	28	42N	53E	8420
16H5	LAUREL DRAW	20	45N	53E	6700
17G4a	LOUSE CANYON (OREG.)	27	40S	44E	6440
15H9MP	TAYLOR CANYON	35	39N	53E	6200
INTERIOR					
UPPER HUMBOLDT RIVER					
15J17a	AMERICAN BEAUTY	32	31N	58E	7800
15J12A	CORRAL CANYON	27	28N	57E	8500
15J1MP	DORSEY BASIN	28	35N	60E	8100
15J3	DRY CREEK	5	34N	60E	6500
15H7	FRY CANYON	31	43N	54E	6700
15J9MP	GREEN MOUNTAIN	23	29N	57E	8000
15J10	HARRISON PASS #1	9	28N	57E	6600
15J11	HARRISON PASS #2	16	28N	57E	7400
15J4	LAMOILLE #1	15	32N	58E	7100
15J5	LAMOILLE #2	14	32N	58E	7200
15J6M	LAMOILLE #3	24	32N	58E	7700
15J7	LAMOILLE #4	19	32N	59E	8000
15J8P	LAMOILLE #5	31	32N	59E	8700
15J18a	POLE CANYON	31	35N	61E	9140
15J16a	ROBINSON LAKE	23	33N	59E	9200
15H6MP	RODEO FLAT	36	43N	53E	6800
15J2	RYAN RANCH	1	34N	59E	5800
15H8	TREMEWAN RANCH	9	39N	55E	5700
15H10P	TROUT CREEK, LOWER	28	37N	61E	6900
15H11A	TROUT CREEK, UPPER	4	36N	61E	8500
LOWER HUMBOLOT RIVER					
17K1	BIG CREEK CAMP GROUND	10	17N	43E	6600
17K2	BIG CREEK MINE	23	17N	43E	7600
17K3	BIG CREEK, UPPER	26	17N	43E	7800
17H2	BUCKSKIN, LOWER	25	45N	39E	6700
17H1	BUCKSKIN, UPPER	11	45N	39E	8200
17L1	CORRAL, LOWER	12	11N	40E	7500
17L2	CORRAL, UPPER	20	11N	41E	8000
17J2	GOLCONDA #2	22	35N	39E	6000
17H4	GRANITE PEAK	22	44N	39E	7800
17H5	LAMANCE CREEK	13	42N	38E	6000
17H3	MARTIN CREEK	18	44N	40E	6700
16H3AP	MIDAS	18	39N	46E	7200
16H7	TOE JAM a	29	40N	50E	7700
EASTERN NEVADA					
14L1	BAKER #1	29	13N	69E	7950
14L2	BAKER #2	30	13N	69E	8950
14L3	BAKER #3	25	13N	68E	9250
14K2	BERRY CREEK	26	17N	65E	9100
14K1	BIRD CREEK	34	19N	65E	7500
15J13	CAVE CREEK	25	27N	57E	7500
15J14	HAGER CANYON	34	27N	57E	8000
15J15	HOLE-IN-MTN	6	35N	61E	7900
14K8	KALAMAZOO CREEK	34	20N	65E	7400
14K3	MURRAY SUMMIT	25	16N	62E	7250
15K1	ROBINSON SUMMIT	34	18N	61E	7600
14K7	SILVER CREEK #2	30	16N	69E	8000
14K5	WARD MOUNTAIN #2	25	15N	62E	8900
CENTRAL GREAT BASIN					
18M2	CAMPITO MTN (CAL.)	19	5S	35E	10200
18M5a	CHIATOVICH FLAT	32	2S	34E	10500
15N2	CLARK CANYON	8	19S	56E	9000
18M1	MONTGOMERY PASS	4	1N	33E	7100
18M3a	PINCHOT CREEK	28	1N	33E	9300
18M4a	PIUTE PASS (CAL.)	33	4S	33E	11700
15N1	TROUGH SPRINGS	23	18S	55E	8500
NORTHERN GREAT BASIN					
19H1	BALD MOUNTAIN	17	45N	21E	6720
20H5	BARBER CREEK (CAL.)	23	39N	16E	6500
20H6	CEDAR PASS (CAL.)	12	43N	14E	7100
18G6a	DENIO CREEK (OREG.)	14	41S	34E	6000
18H1	DISASTER PEAK	8	47N	34E	6500
20H3a	DISMAL SWAMP (CAL.)	31	48N	17E	7000
20H7	EAGLE PEAK (CAL.)	35	40N	15E	7200
19H3	49-MTN	7	42N	19E	6000
19H2	HAYS CANYON	1	39N	18E	6400
19H4a	LITTLE BALLY MTN	8	45N	19E	6000
20H9	MT. BIDWELL	6	47N	16E	7200
20H10	NORTH STAR	13	47N	15E	6200
17G5a	OREGON CANYON (OREG.)	9	40S	40E	7240
17H6a	QUINN RIDGE	9	47N	41E	6300
20H4	RESERVATION CREEK (CAL.)	12	46N	15E	5900
18G5a	TROUT CREEK (OREG.)	10	41S	38E	7800

NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.
LAKE TAHOE					
20L5	ECHO SUMMIT (CAL.)	6	11N	18E	7450
19L2	FREEL BENCH (CAL.)	36	12N	18E	7300
19K6	GLENBROOK #2	13	14N	18E	6900
19L3M52	HAGANS MEADOW (CAL.)	36	12N	18E	8000
20L4	LAKE LUCILLE (CAL.)	28	12N	17E	8200
19K4M5T2	MARLETTE LAKE	18	15N	19E	8000
20L3	RICHARDSONS #2 (CAL.)	6	12N	18E	6500
20L1	RUBICON #1 (CAL.)	6	13N	17E	8100
20L2	RUBICON #2 (CAL.)	6	13N	17E	7500
20K16	TAHOE CITY (CAL.)	6	15N	17E	6250
19L1	UPPER TRUCKEE (CAL.)	21	12N	18E	6400
20K17M	WARD CREEK (CAL.)	21	15N	16E	7000
20K25ST2	WARD CREEK #2 (CAL.)	21	15N	16E	6750
TRUCKEE RIVER					
20K14	BOCA #2 (CAL.)	28	18N	17E	5900
20K22	BROCKWAY SUMMIT (CAL.)	3	17N	16E	7100
20K21	DONNER PARK #2 (CAL.)	18	17N	16E	6000
20K10*	DONNER SUMMIT (CAL.)	25	17N	14E	6900
20K7*	FORDYCE LAKE (CAL.)	34	18N	13E	6500
20K8	FURNACE FLAT (CAL.)	10	17N	13E	6700
19L10	HEAVENLY VALLEY	1	12N	17E	8850
20K4MP	INDEPENDENCE CAMP (CAL.)	34	19N	15E	7000
20K3	INDEPENDENCE CREEK (CAL.)	14	19N	15E	6500
20K5	INDEPENDENCE LAKE (CAL.)	9	18N	15E	8450
19K3	LITTLE VALLEY	17	16N	19E	6300
19K2	MT. ROSE	7	17N	19E	9000
19K7	MT. ROSE SKI AREA	30	17N	19E	9000
20K6	SAGE HEN CREEK (CAL.)	7	18N	16E	6500
20K19	SQUAW VALLEY #2 (CAL.)	6	15N	16E	7500
20K13M	TRUCKEE #2 (CAL.)	22	17N	16E	6400
20K2	WEBBER LAKE (CAL.)	29	19N	14E	7000
20K1*	WEBBER PEAK (CAL.)	30	19N	14E	8000
CARSON RIVER					
19L5	BLUE LAKES (CAL.)	30	9N	19E	8000
19L4	CARSON PASS, UPPER (CAL.)	22	10N	18E	8600
19K5	CLEAR CREEK	6	14N	19E	7300
19L19a	EBBETTS PASS (CAL.)	17	8N	20E	8700
19L16a	FISH VALLEY, UPPER (CAL.)	1	7N	22E	8050
19L06a	POISON FLAT (CAL)	25	8N	21E	7900
19L18a	WET MEADOWS LAKE (CAL.)	26	9N	19E	8100
19L20a	WOLF CREEK (CAL.)	35	8N	20E	8000
WALKER RIVER					
19L11	BUCKEYE FORKS (CAL.)	20	4N	23E	8500
19L10	BUCKEYE ROUGHS (CAL.)	15	4N	23E	7900
19L12A	CENTER MOUNTAIN (CAL.)	4	3N	23E	9400
18L1	LAPON MEADOW	36	8N	28E	9000
19L8	LEAVITT MEADOWS (CAL.)	4	5N	22E	7200
19L17a	LOBDELL LAKE (CAL.)	20	7N	24E	9200
18L2	MT. GRANT	23	8N	28E	9000
19L7M	SONORA PASS (CAL.)	1	5N	21E	8800
19L23ST2	SONORA PASS BRIDGE	6	5N	22E	8800
19M1*	TIOGA PASS (CAL.)	30	1N	25E	9900
19L13M	VIRGINIA LAKES (CAL.)	5	2N	25E	9500
19L9	WILLOW FLAT (CAL.)	21	5N	23E	8250
19L22 SZ	VIRGINIA LAKES RIDGE	32	3N	25E	9200
COLORADO					
LOWER COLORADO RIVER					
15N5	KYLE CANYON	27	19S	56E	8200
15N4	LEE CANYON #1	10	19S	56E	8400
15N3	LEE CANYON #2	9	19S	56E	9200
15N8	LEE CANYON #3	10	19S	56E	8500
14M1	MATHEW CANYON	10	6S	70E	6000
14M2	PINE CANYON	23	6S	69E	6200
15N7	RAINBOW CANYON #2	6	20S	57E	8100
15L1	WHITE RIVER #1	31	13N	59E	7400

LEGEND

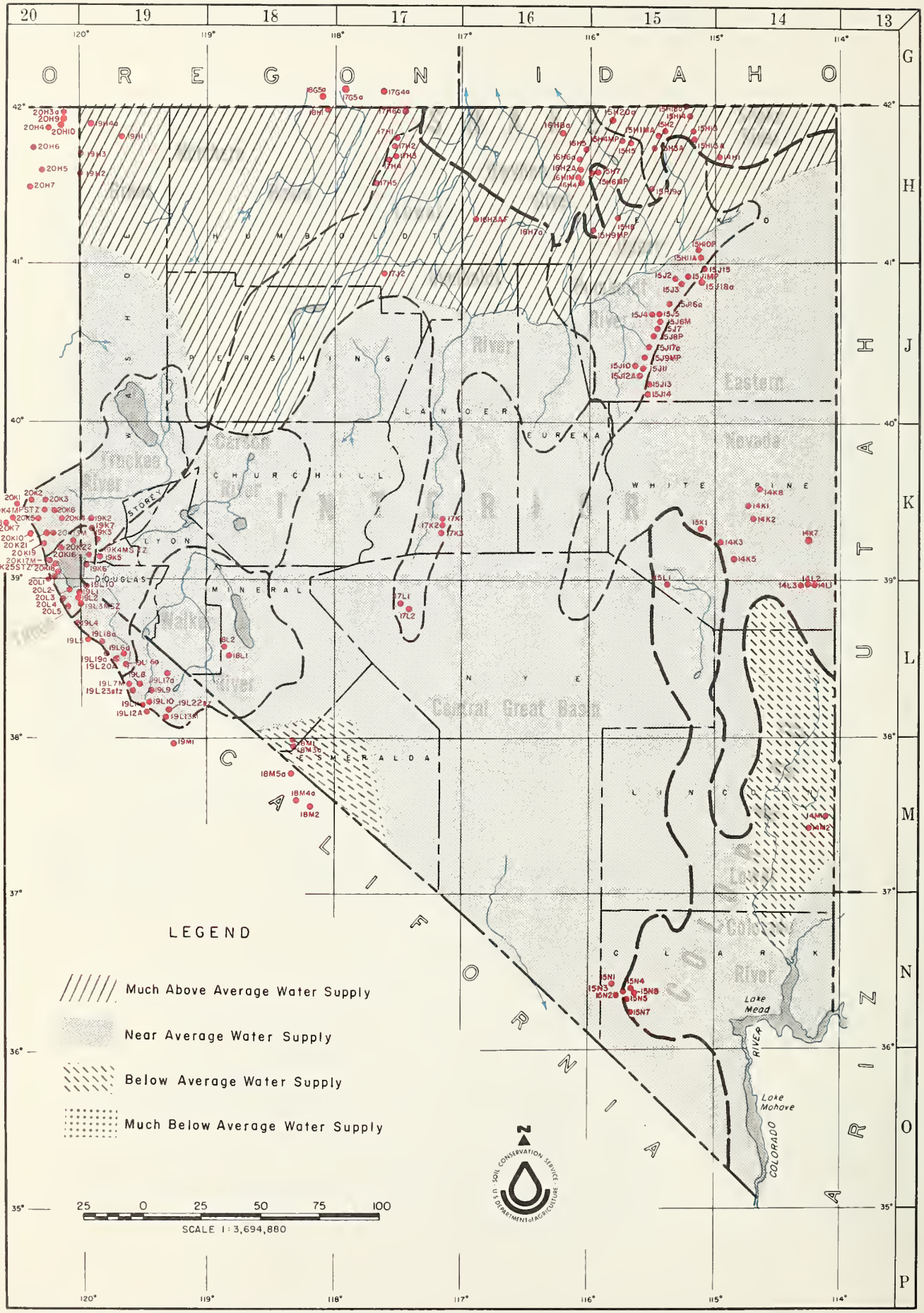
NUMBERING SYSTEM (EXAMPLE)

19K4	SNOW COURSE ONLY
19K45	SNOW COURSE AND SNOW PILLOW
19K4M	SNOW COURSE AND SOIL MOISTURE
19K4A	SNOW COURSE AND AERIAL MARKER
19K4P	SNOW COURSE AND STORAGE PRECIPITATION GAGE
19K4MA	SNOW COURSE, SOIL MOISTURE AND AERIAL MARKER
19K4MP	SNOW COURSE, SOIL MOISTURE AND PRECIPITATION GAGE
19K45T2	SNOW COURSE, SNOW PILLOW AND TEMPERATURE RADIO TELEMETERED.

LOWER CASE LETTERS m, a, p, s, t, z, INDICATE NO SNOW COURSE, ONLY A SOIL MOISTURE STATION, AERIAL MARKER, STORAGE PRECIPITATION GAGE, SNOW PILLOW, TEMPERATURE, OR RADIO TELEMETERED.

*LOCATED ON ADJACENT WATERSHED

PROSPECTIVE WATER SUPPLY FOR NEVADA



U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE

WATER SUPPLY OUTLOOK FOR NEVADA

AS OF APRIL 1, 1972, NEVADA'S WATER SUPPLY OUTLOOK REMAINS NEAR TO ABOVE AVERAGE THROUGHOUT MOST OF THE IRRIGATED PORTIONS OF THE STATE. THIS WINTER'S SNOWPACK MELTED MATERIALLY DURING THE PAST MONTH. CURRENTLY, THE SNOWPACK VARIES FROM 57 TO 79 PERCENT OF AVERAGE ON THE EAST SLOPE OF THE SIERRA-NEVADA, WHILE THE HUMBOLDT AND OWYHEE DRAINAGES VARY FROM 75 TO 120 PERCENT.

STREAMFLOW FORECASTS HAVE BEEN REDUCED FROM THOSE ISSUED LAST MONTH DUE TO THE WARM, DRY MARCH WEATHER. RESERVOIR STORAGE REMAINS EXCELLENT, WITH MANY RESERVOIRS REPORTED AS COMPLETELY FULL. FORECAST STREAMFLOW VOLUMES, COUPLED WITH THE EXCELLENT RESERVOIR STORAGE, SHOULD PRODUCE AVERAGE WATER SUPPLIES THIS SUMMER.

The month of March was one of the driest on record for much of Nevada. Much above normal temperatures were also experienced, with daily records set near the first of the month.

The warm, dry weather patterns initiated snowmelt almost a month earlier than normal. Most of the low and medium elevation snowpack has melted, leaving many watersheds much below normal for this date. Current snow conditions along the East Slope of the Sierra-Nevada range from 57 percent on the Carson River Watershed to 79 percent on the Truckee drainage. The Walker River drainage has 64 percent of average snowpack for this date. Many of the low to medium snow courses are bare or have only 20 to 25 percent of average, while the high elevation courses are near 90 percent. Snowpack conditions in the Humboldt and Owyhee drainages follow the same pattern, with the low elevation snowfields melted and the upper areas much above average.

Most of this year's snowpack has melted in Central and Southern Nevada. The high elevation snowpack in Eastern Nevada in White Pine County is still near average, but most of the lower elevation snowpack has melted.

Current snow conditions fail to reflect the fact that on March 1, this year's snowpack was slightly above average on the East Slope of the Sierra-Nevada, to much above normal throughout the Humboldt and Owyhee drainages. Even though the snowmelt has reduced much of the pack, the total effect of the melt has not been realized. Early melt will reduce the April-July streamflow, due to the above average streamflow volumes experienced during March. Rivers produced 200 to 350 percent of normal volumes during the month.

Forecast streamflow volumes throughout the East Slope of the Sierra-Nevada vary from 67 percent of average on the East Walker near Bridgeport to 80 percent on the West Walker drainage. The Humboldt River is predicted to flow 170,000 acre feet, which is 110 percent of average. The Owyhee River experienced one of the largest flows of record for March, and will continue to flow much above average for the remainder of the season.

Small streams not numerically forecast in this report will generally have good flows during the spring and early summer. The late summer flows will probably be short due to the early runoff this year.

Because the runoff started in March this year, streams will have their peak volume flows and recede to base flow nearly three weeks early this year.

Reservoir storage is excellent throughout the state. Current storage is 146 percent of average for this date, with many reservoirs completely full. Nevada water users under a reservoir system are assured a good supply this season. Irrigators relying on natural streamflow will probably experience some late season shortages, primarily due to the early melt season this year.

STREAMFLOW FORECASTS (Thousand Acre Feet) as of: April 1, 1972

Forecasts are based on snow-water presently stored in the mountain watersheds and the assumption that precipitation will be near average throughout the forecast period. Peak flow forecasts indicate the most probable range for the maximum average 24-hour flow. All averages are for 1953-67 period.

FORECAST POINT	Forecast Period	Forecast This Year	This Year as Percent of Average	Average +
TRUCKEE RIVER				
Little Truckee River above Boca, Calif. [1]	Apr.-July	64	79	81
Truckee River at Farad, Calif. [1,2]	Apr.-July	200	78	258
Lake Tahoe Rise in Feet (From April 1 assuming gates closed) [2]	Apr.-High	1.00	72	1.39
CARSON RIVER				
East Carson near Gardnerville, Nevada	Apr.-July	135	77	175
West Carson at Woodsfords, Calif.	Apr.-July	40	78	51
Carson River near Carson City, Nevada	Apr.-July	116	70	166
Carson River at Fort Churchill, Nevada	Apr.-July	101	67	150
WALKER RIVER				
East Walker near Bridgeport, Calif. [1]	Apr.-Aug.	40	67	60
West Walker below Little Walker near Coleville, Calif.	Apr.-July	114	80	143
COLORADO RIVER				
Virgin River at Virgin, Utah	Apr.-June	20	53	38
HUMBOLDT RIVER				
Lamoille Creek near Lamoille, Nevada	Apr.-July	24	96	25
South Fork Humboldt near Elko, Nevada	Apr.-July	53	91	58
Marys River above Hot Springs, Nevada	Apr.-July	33	118	28
North Fork Humboldt at Devil's Gate, Nevada	Apr.-July	35	134	26
Humboldt River at Palisade, Nevada	Apr.-July	170	110	154
Humboldt River at Comus, Nevada	Apr.-July	120	109	110
Martin Creek near Paradise, Nevada	Apr.-July	16	115	14

+ 1953-1967 period.

STREAMFLOW FORECASTS (Thousand Acre Feet) as of: April 1, 1972

FORECAST POINT	Forecast Period	Forecast This Year	This Year as Percent of Average	Average +
SNAKE RIVER				
Owyhee River near Owyhee, Nevada[1]	Apr.-July	80	133	60
Owyhee River near Gold Creek, Nevada [1]	Apr.-July	30	188	16
Salmon Falls Creek near San Jacinto, Nevada	Mar.-July	120	180	67
SURPRISE VALLEY				
Bidwell Creek near Ft. Bidwell, Calif.	Apr.-July	19.5	169	11.5
Mill Creek near Cedarville, Calif.	Apr.-July	8.0	170	4.7
Deep Creek near Cedarville, Calif.	Apr.-July	5.8	175	3.3
Eagle Creek near Eagleville, Calif.	Apr.-July	7.8	181	4.3

1 Corrected for storage
2 Forecast issued by Truckee Basin Committee

+ 1953-1967 period.

PEAK FLOWS (MAXIMUM MEAN DAILY) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average +
Little Truckee River - Inflow to Stampede Reservoir	770-810	902
East Fork Carson River near Gardnerville, Nevada	1250-1370	1724
Carson River near Carson City, Nevada	1370-1510	1825
Carson River at Fort Churchill, Nevada	1190-1310	1678
West Walker River below Little Walker near Coleville, Calif.	1340-1480	1548

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second/Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
East Carson River near Gardnerville, Nevada	200	7/8	7/23

SOIL MOISTURE MEASUREMENTS

STATION	Profile (Inches)		Soil Moisture (Inches)		
	Depth	Capacity	Date	This Year	Average +
OWYHEE-HUMBOLDT BASIN					
Bear Creek	72	16.9	No Survey		12.9*
Big Bend	48	16.7	3/23	14.9	15.9*
Rodeo Flat	42	11.0	3/23	7.8	10.8*
Taylor Canyon	48	15.1	3/23	13.5	14.0*
TAHOE-TRUCKEE BASIN					
Hagans Meadow	36	3.7	No survey		3.5*
Independence Camp	34	6.1	3/28	2.6	5.6*
Marlette Lake	50	3.7	3/28	1.5	3.3*
Truckee #2	48	3.6	3/28	1.6	3.5*
Ward Creek	49	5.8	3/29	4.5	5.8*
WALKER BASIN					
Sonora Pass	48	8.3	3/27	5.5	8.3*
Virginia Lakes Ridge	40	5.0	3/28	3.5	-

* Adjusted average

+ 1953-1967 period.

RESERVOIR STORAGE (Thousand Acre Feet) as of April 1, 1972

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average+
Owyhee	Wild Horse	72	75	62	18
Lower Humboldt	Rye Patch	179	188	190	84
Colorado	Mohave	1,810	1,686	1,666	1,695
Colorado	Mead	27,217	17,174	16,289	16,070
Tahoe	Tahoe	732	552	560	431
Truckee	Boca	41	33	33	11
Truckee	Stampede	220	138	106	**
Truckee	Prosser ***	30	8	9	9*
Carson	Lahontan	314	287	237	217
West Walker	Topaz	59	50	50	44
East Walker	Bridgeport	42	42	43	34

* Adjusted average

** Storage began August 1, 1969

*** Flood control use allocation of 20,000 acre-feet between November 1 and April 10

TOTAL RESERVOIR STORAGE (Thousand Acre Feet)

MONTH	This Year	Last Year	Average +
October 1	1,038	936	656
January 1	1,100	1,026	660
February 1	1,111	1,072	715
March 1	1,140	1,105	768
April 1	1,227	1,175	839
May 1		1,212	890

The above data developed from Wild Horse, Rye Patch, Tahoe, Boca, Lahontan, Topaz, and Bridgeport Reservoirs in 1,000 Acre-Feet.

TOTAL USABLE CAPACITY 1,439

+ 1953-1967 period.

SNOW COURSE MEASUREMENTS

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	Water Content (inches) Average †
LAKE TAHOE					
Echo Summit (Calif.)	4/3	57	28.0	39.9	33.8
Freel Bench (Calif.)	3/30	7	3.5	13.9	9.6
Glenbrook #2	4/1	15	5.7	16.1	11.1
Hagans Meadow	3/30	17	8.5	15.6	16.4
Heavenly Valley	3/31	48	22.4	33.4	-
Lake Lucille (Calif.)	3/29	114	51.5	69.5	56.3
Marlette Lake	3/28	31	14.1	21.0	20.1
Richardsons #2 (Calif.)	4/1	24	10.4	20.5	14.9
Rubicon #1 (Calif.)	3/29	103	42.9	61.7	47.2
Rubicon #2 (Calif.)	3/29	50	22.5	36.7	28.3
Tahoe City (Calif.)	3/31	0	0.0	NS	8.1
Tahoe City Alt. (Calif.)	3/31	0	0.0	-	-
Tahoe City Cross (Calif.)	3/31	16	7.1	-	-
Upper Truckee (Calif.)	3/30	7	3.5	12.9	6.8
Ward Creek #2 (Calif.)	3/29	75	34.3	53.9	42.3
Ward Creek #3 (Calif.)	3/29	69	31.1	49.9	-
TRUCKEE RIVER					
Boca #2 (Calif.)	3/30	0	0.0	8.0	3.7
Brockway Summit (Calif.)	3/31	0	0.0	20.7	13.4*
Donner Park #2 (Calif.)	3/30	24	10.7	27.8	17.5*
Donner Summit (Calif.)	3/27	58	27.1	53.4	35.1
Fordyce Lake (Calif.)	3/28	66	33.6	57.5	40.0
Furnace Flat (Calif.)	3/28	76	42.1	71.0	46.8*
Independence Camp (Calif.)	3/28	35	15.2	32.1	22.0
Independence Creek (Calif.)	3/28	11	4.5	19.3	12.8
Independence Lake (Calif.)	3/28	83	35.2	56.4	40.5
Little Valley	3/30	1	.3	12.0	6.0*
Mt. Rose	3/28	60	28.8	48.5	32.4
Mt. Rose Ski Area	3/29	68	30.3	49.8	-
Sage Hen Creek (Calif.)	3/28	27	11.8	26.6	16.8
Squaw Valley #2 (Calif.)	3/31	90	41.0	59.9	47.6*
Truckee #2 (Calif.)	3/28	15	6.7	20.3	14.2
Webber Lake	3/31	54	24.6	42.6	31.1
Webber Peak	3/31	83	36.7	58.5	42.5
CARSON RIVER					
Blue Lakes	3/27	65	30.3	44.9	33.0
Carson Pass, Upper (Calif.)	3/30	56	26.6	40.5	33.7
Clear Creek	3/30	9	4.1	17.5	11.6
Ebbetts Pass (Calif.)	3/31	65	30.5a	20.1a	-
Fish Valley, Upper (Calif.)	3/31	0	0.0a	13.3a	15.4*
Poison Flat	3/31	0	0.0a	9.1a	13.9*
Wet Meadows Lake (Calif.)	3/31	33	15.8a	23.2a	-
Wolf Creek (Calif.)	3/31	43	20.6a	28.0a	-

+ 1953-1967 period.

SNOW COURSE MEASUREMENTS

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	Water Content (inches) Average +
WALKER RIVER					
Buckeye Forks (Calif.)	3/31	29	14.2	25.4	19.0
Buckeye Roughs (Calif.)	3/31	16	7.4	18.7	17.8
Center Mountain	3/31	55	25.7	38.2	34.6
Leavitt Meadow (Calif.)	3/27	0	0.0	4.8	6.4*
Lobdell Lake	3/31	13	6.6a	11.1a	-
Sonora Pass (Calif.)	3/27	34	17.6	25.0	22.6
Tioga Pass (Calif.)	3/30	46	21.0	18.8	23.3
Virginia Lakes (Calif.)	3/28	18	9.4	11.9	-
Virginia Lakes Ridge (Calif.)	3/28	30	12.2	14.2	-
Willow Flat (Calif.)	3/29	0	0.0	7.1	9.5
NORTHERN GREAT BASIN					
Bald Mountain	3/27	0	0.0	1.4	2.5
Barber Creek (Calif.)	3/29	29	12.1	13.5	10.3*
Cedar Pass (Calif.)	3/31	49	21.6	21.2	15.0
Denio Creek (Oreg.)	3/29	0	0.0a	0.0a	0.0*
Disaster Peak	3/29	31	13.5	11.5	9.5
Dismal Swamp (Calif.)	3/29	54	21.6a	23.2a	17.6*
Eagle Peak (Calif.)	4/3	47	21.1	16.4	14.2
49 Mountain	3/28	0	0.0	1.6	2.6*
Hays Canyon	3/28	0	0.0	2.5	2.9*
Little Bally Mountain	3/29	0	0.0	1.8a	1.5*
Mt. Bidwell	3/28	76	34.2	34.3	-
North Star	No Survey			13.6	-
Oregon Canyon (Oreg.)	3/29	3	1.1a	0.6a	4.4*
Quinn Ridge	3/29	0	0.0a	0.0a	0.8*
Reservation Creek (Calif.)	3/28	26	11.2	13.5	10.3*
Trout Creek (Oreg.)	3/29	12	4.6a	3.4a	7.9*
SNAKE RIVER					
Bear Creek	3/27	63	25.1	27.5	19.1
Fox Creek	3/27	22	8.2	12.8	8.9*
Goat Creek	3/27	58	21.7	27.2	18.3*
Hummingbird Springs	3/27	82	31.4	35.6	22.0*
Merritt Mountain	3/31	14	5.2a	5.6a	-
Pole Creek Ranger Station	3/27	67	25.9	28.7	19.7*
Red Point	3/27	42	13.1	17.1	10.2*
76 Creek	3/27	38	16.5	13.2	10.9*
Stag Mountain	3/31	0	0.0a	3.6a	-
OWYHEE RIVER					
Big Bend	3/23	29	10.3	12.0	8.1
Columbia Basin	3/29	12	3.4a	5.8a	-
Fawn Creek	3/29	0	0.0a	4.9a	-
Gold Creek	3/23	12	3.7	7.3	4.7

+ 1953-1967 period.

SNOW COURSE MEASUREMENTS

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	Water Content (inches) Average +
OWYHEE RIVER (Continued)					
Jack Creek, Lower	3/28	0	0.0	0.0	2.8
Jack Creek, Upper	3/28	27	9.7	12.1	9.8
Jacks Peak	4/4	85	33.9	33.4	25.7*
Laurel Draw	3/31	15	6.0	6.2	7.2*
Louse Canyon (Oreg.)	3/29	0	0.0a	0.0a	1.6*
Taylor Canyon	3/23	0	0.0	0.0	2.9
UPPER HUMBOLDT RIVER					
American Beauty	3/31	16	5.6a	6.3a	-
Corral Canyon	3/31	38	13.8	18.8	17.7
Dorsey Basin	3/24	30	11.6	15.6	12.2
Dry Creek	3/24	0	0.0	0.0	2.2
Fry Canyon	3/23	9	2.6	5.0	6.3
Green Mountain	3/27	19	6.5	12.5	12.7
Harrison Pass #1	3/27	0	0.0	0.0	2.2
Harrison Pass #2	3/27	0	0.0	0.0	4.2
Lamoille #1	3/22	1	0.1	10.0	9.0
Lamoille #2	3/22	1	0.1	7.3	8.7
Lamoille #3	3/22	19	7.6	12.3	11.8
Lamoille #4	3/22	38	15.9	23.4	17.9
Lamoille #5	3/22	73	32.4	32.2	26.5
Pole Canyon	3/31	24	9.8a	16.3a	-
Robinson Lake	3/31	92	37.7a	-	-
Rodeo Flat	3/23	9	3.0	2.7	5.8
Ryan Ranch	3/24	0	0.0	0.0	0.4
Tent Mountain, Lower	3/31	60	25.2a	26.6a	-
Tremewan Ranch	3/23	0	0.0	0.0	0.0
Trout Creek, Lower	3/24	0	0.0	0.0	2.4
Trout Creek, Upper	4/3	51	23.4	24.1	20.6
LOWER HUMBOLDT RIVER					
Big Creek Campground	3/28	1	0.1	0.0	0.3
Big Creek Mine	2/28	5	0.7	0.0	2.8*
Big Creek, Upper	3/28	8	2.0	3.9	6.1*
Buckskin, Lower	3/30	12	3.9	8.5	7.0
Buckskin, Upper	3/30	32	13.3	7.7	9.2
Corral, Lower	3/25	0	0.0	0.0	0.5*
Corral, Upper	3/25	0	0.0	3.1	2.1*
Golconda #2	3/28	1	0.1	0.9	2.7*
Granite Peak	3/30	46	18.1	20.8	12.6*
Lamance Creek	3/30	1	0.1	9.3	7.0*
Martin Creek	3/30	1	0.1	8.1	8.2
Midas	3/28	1	0.1	0.3	1.6*
Toe Jam	3/29	12	3.4a	9.1a	-

NOTE:
*All averages based on 1953-67, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted. a-Aerial marker; water content estimated. * 1953-67 adjusted average.*

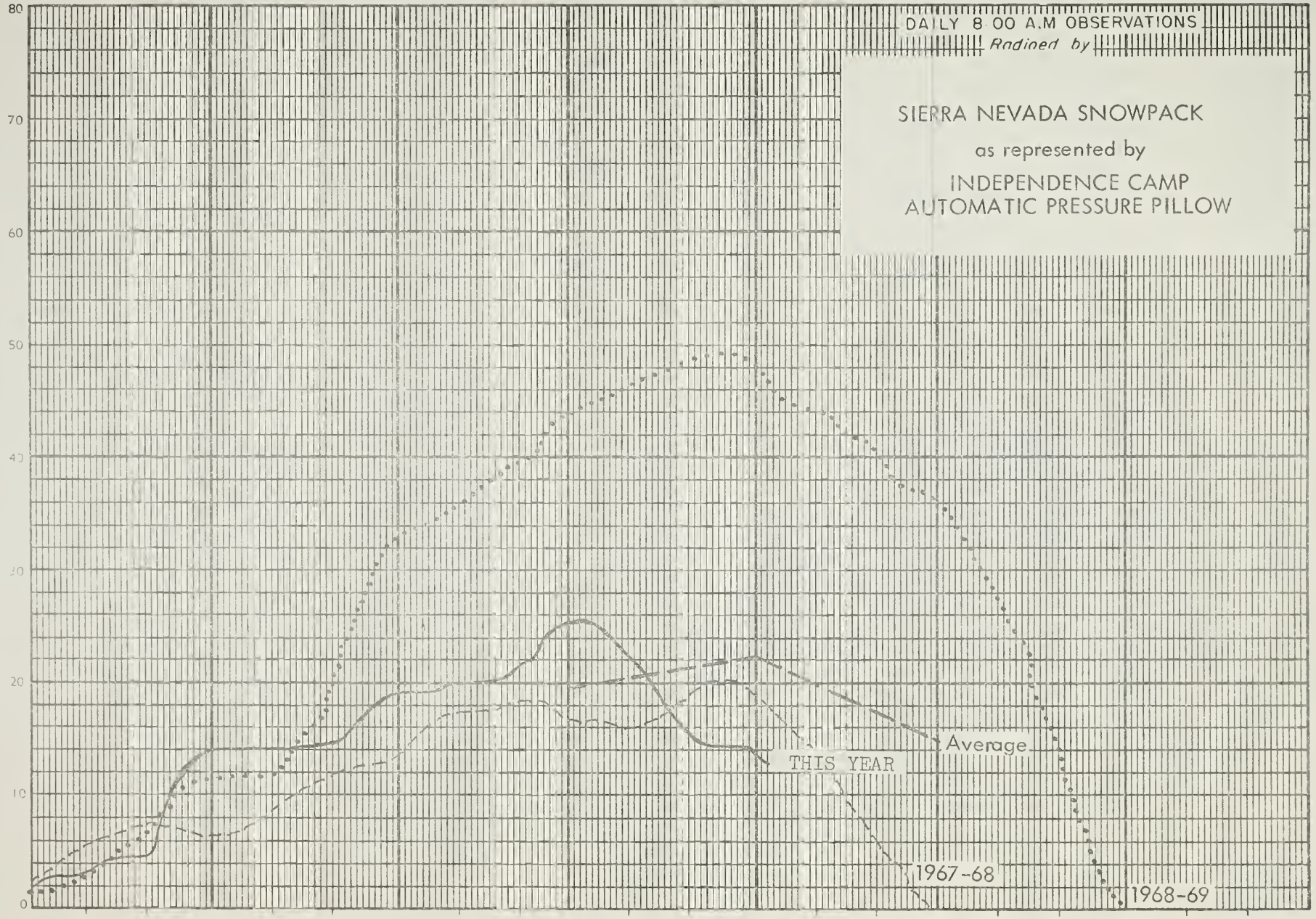
+ 1953-1967 period.

SNOW COURSE MEASUREMENTS

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
				Last Year	Average +
EASTERN NEVADA					
Baker #1	3/27	1	0.1	5.3	5.3
Baker #2	3/27	28	10.6	12.3	13.9
Baker #3	3/31	22	8.4	17.4a	16.0
Berry Creek	3/30	40	15.0	17.2	14.1
Bird Creek	3/30	0	0.0	0.4	2.2
Hole-in-Mountain	3/24	75	30.3	29.7	21.8*
Kalamazoo Creek	3/28	0	0.0	6.5	5.4*
McCoy Creek	3/28	0	0.0	0.3	-
Mt. Defiance	3/31	36	13.7a	13.9a	-
Murray Summit	3/29	0	0.0	0.0	1.4
Robinson Summit	3/29	0	0.0	0.0	0.7
Silver Creek #2	3/31	0	0.0	4.3a	5.4*
Ward Mountain #2	3/31	0	0.0	3.8a	13.2*
White River #1	3/29	0	0.0	0.0	1.0*
CENTRAL GREAT BASIN					
Campito Mountain (Calif.)	3/31	0	0.0	0.0	5.0*
Chiatovich Flat	3/31	0	0.0a	0.0	-
Clark Canyon	3/30	0	0.0	1.9	5.6
Montgomery Pass	3/31	0	0.0	0.0	0.4*
Pinchot Creek	3/31	0	0.0a	0.0a	4.7*
Piute Pass (Calif.)	3/31	0	0.0a	0.0a	6.9*
Trough Springs	3/30	1	0.1	0.0	3.8
LOWER COLORADO RIVER					
Kyle Canyon	3/31	1	0.6	2.3	6.2
Lee Canyon #2	3/31	3	1.2	2.9	6.8
Lee Canyon #3	3/30	0	0.0	2.6	5.1*
Mathew Canyon	3/31	0	0.0	0.0	0.2
Pine Canyon	3/31	0	0.0	0.0	0.2
Rainbow Canyon #2	3/31	15	7.7	8.1	12.6

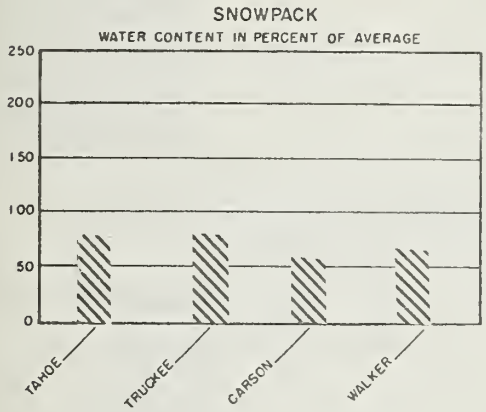
NOTE:
*All averages based on 1953-67, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted. a-Aerial marker; water content estimated. * 1953-67 adjusted average.*

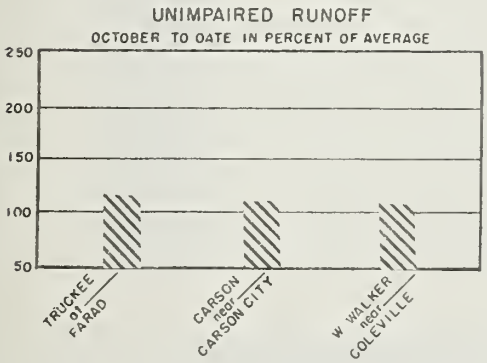
+ 1953-1967 period.


U.S.D.A. SOIL CONSERVATION SERVICE DAILY RADIO REPORTS BY AUTOMATIC SNOW MEASURING STATION
DAILY 8:00 A.M OBSERVATIONS
Radioed by
SIERRA NEVADA SNOWPACK
as represented by
INDEPENDENCE CAMP
AUTOMATIC PRESSURE PILLOW
INCHES OF WATER IN SNOWPACK
80
70
60
50
40
30
20
10
0
Average
THIS YEAR
1967-68
1968-69
1 10 20 31 10 20 31 10 20 28 10 20 31 10 20 30 10 20 31 10 20 30
DECEMBER
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE

WATER SUPPLY OUTLOOK

FOR THE SOIL CONSERVATION DISTRICTS IN THE
TRUCKEE, CARSON and WALKER WATERSHEDS





AS OF APRIL 1, 1972, THE COMING SEASON'S WATER SUPPLY FOR THE TRUCKEE, CARSON, AND WALKER RIVER DRAINAGES IS PREDICTED TO BE NEAR AVERAGE. STREAMFLOW FORECASTS HAVE BEEN REDUCED FROM THOSE ISSUED LAST MONTH FROM 12 TO 18 PERCENT. THESE REDUCTIONS ARE DUE TO THE EXTREMELY DRY AND WARM WEATHER CONDITIONS EXPERIENCED DURING MARCH. RESERVOIR STORAGE REMAINS EXCELLENT, AND WILL SUPPLY THE SUPPLEMENTAL WATER NEEDED TO AUGMENT STREAMFLOW TO ATTAIN THE NEAR AVERAGE OUTLOOK PREDICTIONS.

THE REMAINING SNOWPACK THIS YEAR VARIES FROM 57 PERCENT OF AVERAGE IN THE CARSON DRAINAGE TO 79 PERCENT IN THE TRUCKEE. THE WALKER RIVER WATERSHED CURRENTLY HAS 64 PERCENT OF AVERAGE SNOW COVER. THIS YEAR'S SNOWPACK DID, HOWEVER, EXCEED THE AVERAGE ON MARCH 1. IT IS VERY UNUSUAL FOR THE SNOWPACK TO MELT SO MARKEDLY DURING MARCH. THE EARLY MELT WILL CAUSE THE RIVERS TO PEAK AND RECEDE TO BASE FLOW ABOUT THREE WEEKS EARLIER THAN USUAL. THIS SITUATION MAY LEAD TO SOME LATE SEASON WATER SHORTAGES FOR IRRIGATORS SUPPLIED ONLY BY DIRECT STREAMFLOW.

Report prepared by
D. W. McANDREW and J. D. RODDA
U.S.D.A.-SOIL CONSERVATION SERVICE
P.O. Box 4850, Reno, Nevada
in cooperation with
NEVADA DEPT. OF CONSERVATION AND NATURAL RESOURCES

STREAMFLOW FORECASTS (1000 Ac. Ft.)

FORECAST POINT	FORE-CAST	% of Average	Average +
Little Truckee above Boca, Calif.	64	79	81
Truckee at Farad, Calif.	200	78	258
Lake Tahoe Rise (assuming gates closed)	1.00	72	1.39
East Carson near Gardnerville, Nevada	135	77	175
West Carson at Woodsfords, Calif.	40	78	51
Carson River near Carson City, Nevada	116	70	166
Carson River near Fort Churchill, Nevada	101	67	150
East Walker near Bridgeport, Calif.	40	67	60
West Walker below Little Walker near Coleville, Calif.	114	80	143

SUMMARY of SNOW MEASUREMENTS

WATERSHED	This Years Snow as % of Average +
Tahoe	77
Truckee	79
Carson	57
Walker	64

RESERVOIR STORAGE (Thousand Acre Feet)

RESERVOIR	Capacity	This Year	Average +
Tahoe	732	552	431
Boca	41	33	11
Prosser	30	8	9*
Lahontan	314	287	217
Topaz	59	50	44
Bridgeport	42	42	34

* Adjusted average

SUMMARY of SOIL MOISTURE

RIVER BASIN	This Years Moisture as % of Average +
Truckee	56
Carson	60
Walker	66

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second/Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
East Carson near Gardnerville, Nevada	200	7/8	7/23

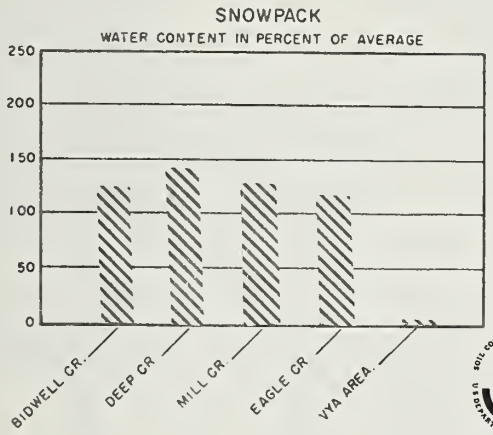
PEAK FLOWS (MAXIMUM MEAN DAILY) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average +
Little Truckee River - Inflow to Stampede	770-810	902
East Fork Carson near Gardnerville, Nevada	1250-1370	1724
Carson River near Carson City, Nevada	1370-1510	1825
Carson River at Fort Churchill, Nevada	1190-1310	1678
West Walker below Little Walker near Coleville, Calif.	1340-1480	1548

+ 1953-1967 period.

WATER SUPPLY OUTLOOK

FOR THE SOIL CONSERVATION DISTRICTS IN THE
SURPRISE VALLEY, CALIFORNIA,
and NORTHWEST NEVADA



THE APRIL 1, 1972, SNOWPACK RANGES FROM 117 TO 144 PERCENT OF AVERAGE ON THE EAST SLOPE OF THE WARNER MOUNTAINS. SNOW HAS MELTED IN THE MOUNTAINS NORTH AND SOUTH OF VYA, WITH ONLY A TRACE REMAINING. THE WARM TEMPERATURES EXPERIENCED DURING MARCH MELTED MUCH OF THE LOW ELEVATION SNOW AND STARTED MELT IN THE HIGH ELEVATION ZONES.

STREAMFLOW IS STILL EXPECTED TO BE EXCELLENT THIS SPRING AND SUMMER IN ALL OF THE DRAINAGES ORIGINATING IN THE WARNER MOUNTAINS.

Area 2

Report prepared by
D. W. McANDREW and J. D. RODA
U.S.D.A.-SOIL CONSERVATION SERVICE
P.O. Box 4850, Reno, Nevada
in cooperation with
NEVADA DEPT. OF CONSERVATION AND NATURAL RESOURCES

STREAMFLOW FORECASTS (1000 Ac. Ft.) Apr.-July

FORECAST POINT	FORE-CAST	% of Average	Average †
Bidwell Creek near Fort Bidwell, Calif.	19.5	169	11.5
Deep Creek above all diversions	5.8	175	3.3
Eagle Creek at Eagleville, Calif.	7.8	181	4.3
Mill Creek above all diversions	8.0	170	4.7

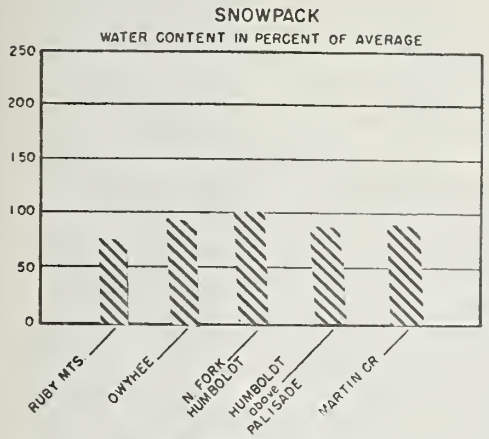
SUMMARY of SNOW MEASUREMENTS

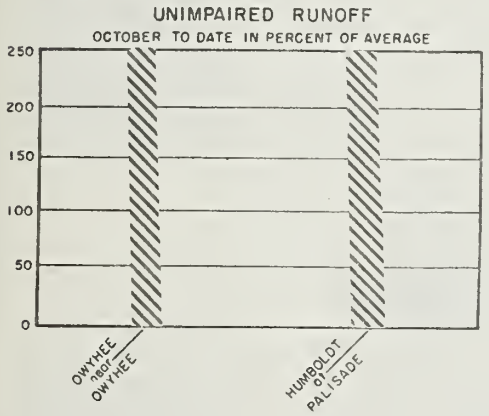
WATERSHED	This Years Snow as % of Average †
Bidwell Creek	122
Deep Creek	144
Eagle Creek	117
Mill Creek	131

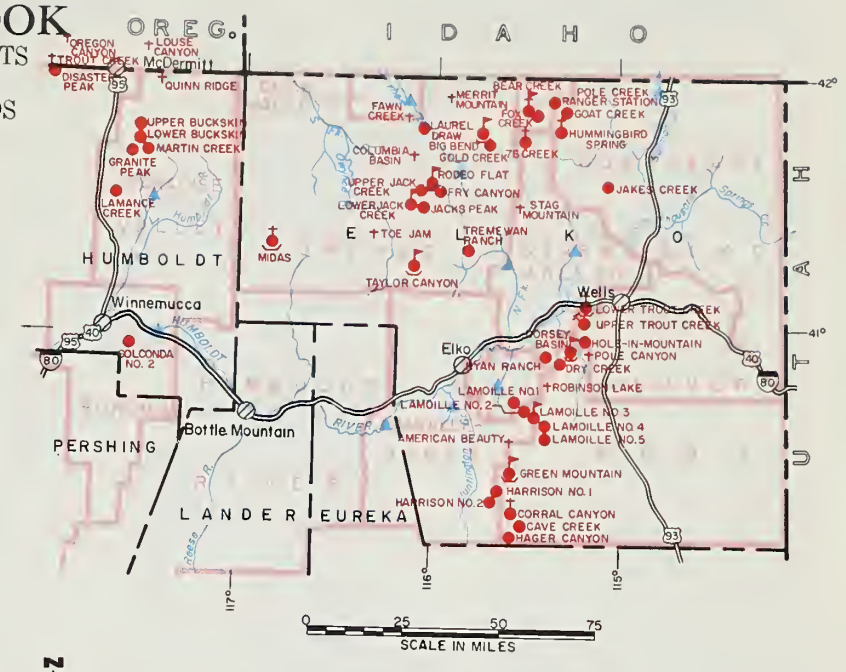
† 1953-1967 period

WATER SUPPLY OUTLOOK

FOR THE SOIL CONSERVATION DISTRICTS IN THE HUMBOLDT and OWYHEE WATERSHEDS







LEGEND

- S. C. District Boundary
- County Boundary
- Forecast Point
- Snow Course
- Aerial Snow Depth Gage
- Soil Moisture Station
- Snow Pillow
- Radio Telemetry (or Reloy if no other symbol shown).
- Temperature Gage
- Radio Bose Station
- Precipitation Gage

AS OF APRIL 1, 1972, THE WATER SUPPLY FOR THE AREA SERVED BY THE HUMBOLDT AND OWYHEE RIVERS IS EXCELLENT. THE WARM TEMPERATURES EXPERIENCED DURING MARCH MELTED MOST OF THE LOWER ELEVATION SNOWPACK AND INITIATED RUNOFF. CURRENT SNOWPACK RANGES FROM 70 TO 119 PERCENT OF AVERAGE THROUGHOUT THE AREA. THIS HAS DROPPED FROM LAST MONTH WHEN THE SNOWPACK WAS NEAR 175 PERCENT OF AVERAGE.

MARCH STREAMFLOW VOLUMES WERE 300 TO 350 PERCENT OF AVERAGE THIS YEAR. DUE TO THE EXCESSIVE MARCH STREAMFLOW AND WARM, DRY WEATHER CONDITIONS, THE APRIL-JULY STREAMFLOW FORECASTS HAVE BEEN REDUCED MATERIALLY FROM THOSE ISSUED LAST MONTH. FORECASTS RANGE FROM 91 PERCENT ON THE SOUTH FORK OF THE HUMBOLDT TO 188 PERCENT ON THE OWYHEE RIVER.

RESERVOIR STORAGE IS EXCELLENT. BOTH RYE PATCH AND WILDHORSE RESERVOIRS CONTAIN MORE STORAGE THAN THEIR RATED CAPACITY, AND WILL PROBABLY REMAIN NEARLY FULL THROUGHOUT THE SUMMER SEASON.

report prepared by
D. B. McANDREW and J. D. RODA
U.S.D.A.-SOIL CONSERVATION SERVICE
P.O. Box 4850, Reno, Nevada
in cooperation with
NEVADA DEPT. OF CONSERVATION AND NATURAL RESOURCES

STREAMFLOW FORECASTS (1000 Ac. Ft.) Apr.-July

FORECAST POINT.	FORE-CAST	% of Average	Average +
Lamoille Creek near Lamoille, Nevada	24	96	25
South Fork Humboldt near Elko, Nevada	53	91	58
Marys River above Hot Springs, Nevada	33	118	28
North Fork Humboldt at Devils Gate, Nevada	35	134	26
Humboldt River at Palisade, Nevada	170	110	154
Humboldt River at Comus, Nevada	120	109	110
Martin Creek near Paradise, Nevada	16	115	14
Owyhee River near Owyhee, Nevada	80	133	60
Owyhee River near Gold Creek, Nevada	30	188	16
Salmon Falls Creek near San Jacinto, Nevada March-July streamflow	120	80	67

SUMMARY of SNOW MEASUREMENTS

WATERSHED	This Years Snow as % of Average +
Lamoille	75
South Fork Humboldt	72
North Fork Humboldt	101
Owyhee	91
Lower Humboldt	70
Martin Creek	92
Kings and Quinn Rivers	119

SUMMARY of SOIL MOISTURE

RIVER BASIN	This Years Moisture as % of Average +
Humboldt, North Fork	88
Humboldt, South Fork	96

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Franklin River	Excellent	Average
Kings River	Excellent	Excellent
Little Humboldt River	Excellent	Average
Quinn River	Excellent	Excellent

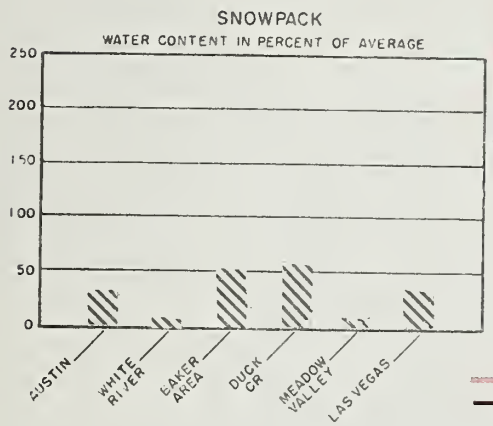
RESERVOIR STORAGE (Thousand Acre Feet)

RESERVOIR	Capacity	This Year	Average +
Rye Patch	179	188	84
Wild Horse	72	75	18

+ 1953-1967 period.

WATER SUPPLY OUTLOOK

FOR THE SOIL CONSERVATION DISTRICTS IN
EAST CENTRAL and SOUTHERN NEVADA



AS OF APRIL 1, 1972, THE WATER SUPPLY OUTLOOK REMAINS NEAR AVERAGE FOR THE SPRING AND EARLY SUMMER IN WHITE PINE AND LANDER COUNTIES. DUE TO THE WARM, DRY WEATHER CONDITIONS DURING MARCH, MUCH OF THE SNOWPACK HAS MELTED. THIS MELT INITIATED STREAMFLOW RUNOFF THROUGHOUT THE AREA MUCH EARLIER THAN NORMAL. THE EARLY RUNOFF WILL CAUSE STREAMS TO PEAK AND RECEDE TO BASE FLOW CONDITIONS ABOUT THREE WEEKS BEFORE NORMAL. SURFACE WATER SUPPLIES IN FISH LAKE VALLEY AND MEADOW VALLEY ARE PREDICTED TO BE POOR THIS YEAR.

SNOW SURVEYS TAKEN NEAR APRIL 1 INDICATED THE CURRENT SNOWPACK RANGES FROM NO SNOW SNOW TO 57 PERCENT OF AVERAGE THROUGHOUT SOUTHERN AND CENTRAL NEVADA. SOME OF THE HIGH ELEVATION SNOWPACK IN WHITE PINE COUNTY REMAINS ABOVE AVERAGE, WHILE NEARLY ALL EXCEPT THE VERY HIGH ELEVATION SNOWFIELDS HAVE MELTED IN THE MOUNT CHARLESTON AREA.

Report prepared by
D. B. McANDREW and J. D. ROOA
U.S.D.A.-SOIL CONSERVATION SERVICE
P.O. Box 4850, Reno, Nevada
in cooperation with
NEVADA DEPT. OF CONSERVATION AND NATURAL RESOURCES

STREAMFLOW FORECASTS (1000 Ac. Ft.) Apr.-June

FORECAST POINT	FORE-CAST	% of Average	Average +
Virgin River at Virgin, Utah	20	53	38

SUMMARY of SNOW MEASUREMENTS

WATERSHED	This Years Snow as % of Average +
Duck Creek	57
Fish Lake Valley	No snow
Meadow Valley Wash	No snow
Mt.Charleston Area	30
Reese River	30

RESERVOIR STORAGE (Thousand Acre Feet)

RESERVOIR	Capacity	This Year	Average +
Mohave	1,810	1,686	1,695
Mead	27,217	17,174	16,070

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Baker Creek	Average	Fair
Duck Creek	Average	Fair
Silver Creek	Average	Fair
Meadow Valley Wash	Poor	Poor
White River	Average	Fair
Reese River	Average	Poor

+ 1953-1967 period.

Agencies Cooperating in Collecting Data Contained in this Bulletin

FEDERAL
- Agriculturol Reseorch Service
- Bureau of Reclomotion
- Fish and Wildlife Service
- Forest Service
- Geologicol Survey
- Novy
- Soil Conservation Service
- U. S. District Court - Federol Woter Moster
- NOAA, Notionol Weather Service

STATE
- Californio Cooperative Snow Surveys
- Colifornia Deportment of Parks and Recreotion
- Colifornio Deportment of Woter Resources
- Colorado River Commission of Nevada
- Idoho Cooperative Snow Surveys
- Nevoda Associotion of Conservotion Districts
- Nevodo Deportment of Conservotion & Naturol Resources
  - Division of Woter Resources
  - Nevodo Stote Forester
- Oregon Cooperotive Snow Surveys
- Utah Cooperative Snow Surveys
- White Mountoin Reseorch Stotion, Univ. of Colifornio

PRIVATE
- Amolgomoted Sugor Company
- Kennecott Copper Corporotion
- Nevoda Irrigotion District
- Owyhee Project North Boord of Control
- Owyhee Project South Boord of Control
- Pacific Gos and Electric Compony
- Pershing County Water Conservotion District
- Sierro Pocific Power Compony
- Truckee-Corson Irrigotion District
- Walker River Irrigation District
- Woshoe County Water Conservoncy District

Other organizations and individuols furnish voluoble information for the snow survey reports. Their Cooperation is grotefully acknowledged.

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
P.O. Box 4850
RENO, NEVADA 89505

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, $300

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF
AGRICULTURE

U.S. MAIL

FIRST CLASS MAIL

FEDERAL - STATE - PRIVATE

COOPERATIVE SNOW SURVEYS

Furnishes the basic data necessary for forecasting water supply for irrigation, domestic and municipal water supply, hydro-electric power generation, navigation, mining and industry

"The Conservation of Water begins with the Snow Survey"